SUPERFUND RECORDS

### Herculaneum, Missouri Community Advisory Group Meeting

June 18, 2002 Gene Gunn, EPA EPA Toll Free Phone # 1-800-223-0425

### Site Goals Unchanged

- Residential soil and interior cleanups must continue
- Recontamination of residential soils is not acceptable
- Doe Run must continue to meet current goals
  - Clean streets
  - Ambient air standard
  - New materials handling and transportation methods



- 100 soil replacements completed
- 68 home interiors cleaned
- 37 vacuum certificates issued by EPA



## Material Handling and Transportation Plan

- Resubmitted by Doe Run on May 24, 2002
- Comments provided by EPA on June 3
- Deficiencies include -
  - Schedule for installing totally enclosed, heated vehicle wash
  - Inadequate contingencies in the event of truck wash failure
  - Insufficient work practices and spill response -
- Stipulated Penalties Accruing



#### Ambient Air Attainment Process

- Attainment date is in third quarter 2002
- If an exceedance occurs following the attainment date, contingencies must be implemented
- If a second exceedance occurs following attainment date, production cap is effective
- Re-designation to an attainment area typically occurs following 8 consecutive quarters of attainment data



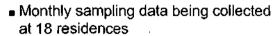
#### Recent Air Data



- First Quarter 2002 All monitors met the standard for the first time.
- April 2002 MDNR data shows Broad Street monitor at 3.58 micrograms per cubic meter. All other monitors averaged below 1.0.
- Lead standard is 1.5 micrograms per cubic meter averaged over a calendar quarter



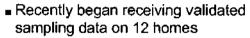
# Exterior Recontamination Sampling



 No significant soil recontamination being found



# Interior Recontamintation Sampling



■ Carpets show up to 3,300 ppm following cleaning

■ Further action needed to address interiors



### East Helena, Montana Site



- Active smelter in 1990s
- Approximately 66% of children with relevated blood lead levels (EBLs) in 1990
- Soil replacement, street cleaning, and comprehensive education program reduced EBLs to 5% of children by 1995

